

Product datasheet for **MC207355**

Pon1 (NM_011134) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pon1 (NM_011134) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pon1
Synonyms: Pon
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207355 representing NM_011134
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGAAGCTGCTAGCACTCACCTCGTGGGACTGGTGTGGCACTTTACAAGAACCATCGGTCTTCT
ATCAAACAAGATTAATGCTTTCCGTGAAGTAACGCCAGTAGAACTTCTAACTGTAATTTAGTTAAAGG
AATCGAGACGGGTGCTGAAGACTTAGAGATTCTGCCTAATGGACTAACTTTCTTAGCACTGGGCTAAAG
TATCCTGGAATAAAAAGTTTCGATCCCAGTAAGCCTGGAAAAATACTTCTGATGGACTTGAACAAGAAGG
AGCCAGCAGTGTCAGAGTTAGAAATTATAGGAAATACATTGGATATATCTTCATTTAACCCCTCATGGGAT
TAGTACATTCACAGATGAAGATAACACTGTGTACCTACTGGTGGTAAACCATCCAGACTCCTCGTCCACT
GTGGAGGTATTTAAATTTCAAGAAGAGGAAAGTCACTCTTGATCTGAAAACCATCACACATGAACTTC
TGCCTAGCATCAACGATATAGCTGCTATTGGACCTGAGAGCTTTATGCCACAAATGATCACTATTTTGC
TGACCCATACTTACGGTCCTGGGAAATGACTTGGGTCTGTCGTGGTCCAATGTTGTTTACTACAGTCCA
GATAAAGTCCAGGTGGTAGCAGAAGGGTTGATTTCCGAATGGCATTGGCATTCCCTTGATGGCAAGT
ATGTCTATATAGCTGAATTGCTGGCTACAAGATTCATGTGTATGAAAAGCATGCTAATTGGACTTTAAC
ACCATTGAAGGTCTCACTTTGACACCCCTTGGGATAACATCTCTGTGGATCCTGTGACAGGGGACCTC
TGGGTGGGATGCCATCCAACGGAATGAGGATCTTTTTCTATGACGCAGAGAATCCTCCCGGCTCAGAGG
TGCTTCGAATCCAGAACATTTTATCCGAAGACCCAAAATAACTGTAGTTTATGCAGAGAATGGTACCGT
CCTGCAAGGCACCACGGTCGCCTCTGTGTACAAAGGGAACTGCTGATTGGCACTGTGTTCCACAAAGCT
CTTTACTGTGATCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011134



Insert Size:	1068 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_011134.3 , NP_035264.2
RefSeq Size:	1534 bp
RefSeq ORF:	1068 bp
Locus ID:	18979
UniProt ID:	P52430
Cytogenetics:	6 1.99 cM
Gene Summary:	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification.[UniProtKB/Swiss-Prot Function]